



Course Brochure

8th Batch M.Sc. in Rehabilitation Science (July 2024 intake)

M.Sc. in Rehabilitation Science program at Bangladesh Health Professions Institute – Centre for the Rehabilitation of the Paralyzed (BHPI-CRP) under the project of “Regional Inter-professional Master’s program in Rehabilitation Science” funded by SAARC Development Fund (SDF).



Centre for the Rehabilitation of the Paralyzed (CRP):

CRP was established by Dr. Valerie A. Taylor in 1979, and has become a Centre of excellence for services for persons with disabilities, with many branches throughout the country. CRP is a 100-bed dedicated spinal injury rehabilitation facility in Bangladesh. CRP is a comprehensive rehabilitation centre in the SAARC region with a long-standing tradition of inter-professional rehabilitation education and service.

Bangladesh Health Professions Institute (BHPI):

BHPI affiliated to the University of Dhaka and an academic institute of CRP, is a well-established academic rehabilitation education hub for South Asia. Since 2014, BHPI runs Regional Inter-professional Master’s Program in Rehabilitation Science

supported by South Asian Association for Regional Cooperation (SAARC) for the students of SAARC Member States in collaboration with similar/like-minded institutions in the region. Our commitment to rehabilitation capacity building at Master level at CRP-BHPI (where more than half of the students were female) resulted in a total of 60 local and 60 foreign students from SAARC Member States until the fifth batch.

Objectives of M.Sc. in Rehabilitation Science program:

To prepare rehabilitation professionals for the leadership role in the field of clinical practice, academia, research, policy making, accessible environment, protection of human rights, developmental programs and facilitate implementation of education and human resource development in the SAARC member states.

Design of the Program:

Rehabilitation Science is an integrated science dedicated to the study of human function and participation and its relationship to health and well-being at the individual, community and societal level. It encompasses a number of rehabilitation fields of study including medicine, physiotherapy, occupational therapy, speech language therapy, rehabilitation technology, prosthetics and orthotics, occupational science, movement science, and rehabilitation health service studies. Professionals from other disciplines such as nursing and public health also study in rehabilitation science programs. Therefore, the MRS program attracts students from various health and rehabilitation professions. Its Inter-professional and international character are a unique feature and the strength of the program. The program develops human resources by preparing them for leadership roles in the field of clinical services, academia, research, management, policy making and development programs for the rehabilitation of people with disabilities in the SAARC member states. It increases the opportunity for women to participate in rehabilitation science programs. While students conduct research on rehabilitation topics relevant for their professional and clinical practice and fully maintain their professional identity, this program does not focus on the development of the advanced clinical skills. The MRS program is a research-based master's program that builds students' foundational research competences and knowledge of a wide range of topics relevant for evidence-based rehabilitation in the SAARC region and globally. Nevertheless, as extracurricular activities, CRP is an excellent setting for students who wants to remain familiar or in touch with their respective clinical skills, apart from MRS study curriculum. There is provision for students to participate in observational placements in different clinical settings of CRP as per their respective professional backgrounds irrespective to their study year-1 or year-2, during times other than their MRS academic activities, e.g., theoretical (direct lectures) and practical classes, self-directed learning, assignments, thesis work etc. However, problem solving approach, practical work and field visit are conducted under practical classes as per the curriculum for all papers as relevant and required. Consequently, students have to submit assignments for each paper focusing on the practical and theoretical classes and sit for oral/practical examinations. In addition, 150-hour "Thesis Proposal Development" and 600-hour "thesis" completion is entirely practical works indeed, since students review and select appropriate assessment tools, collect data, data input and analysis etc. under thesis supervisors and finally complete a thesis write-up of around 15,000 words. MRS program does not focus on practical classes for the development of the advanced clinical skills. In accordance with similar programs in

other countries, the program strongly focusses for the development of the advanced research and leadership skill not necessarily clinical skills.

Recognition of the program:

The Eleventh SAARC Summit emphasized the need for having mutual recognition of the educational degrees in the region. The Heads of UGCs/Equivalent Bodies of SAARC Member States in the first Meeting at Dhaka in 2003 emphasized that the medium of instruction at the highest level of education should be English, which would facilitate mutual recognition of Degrees. Students from SAARC Member States participate in the international and interprofessional MRS program where theory and practical teaching, oral/practical and written examinations are conducted in English. Two-year M.Sc. in Rehabilitation Science degree from the University of Dhaka is no less equivalent to other masters' degrees in the region and Recognizable as a masters' degree. Educational credential evaluation services receive application(s) from individual graduates and reports whether individuals' educational credential is equivalent to specific country standards. BHPI office replies with information when it is contacted by educational credential evaluation services. For instance, some of our MRS graduates have completed their MRS educational credential through World Education Services (WES) which reported that their MRS educational credential was equivalent to Canadian Standards. In addition, some MRS graduates are currently enrolled in doctoral programs in their homes and abroad demonstrating that MRS is a high-quality degree recognized by other academic institutions that allow student continue studies at the doctoral level, not only in Bangladesh but internationally. While CRP-BHPI continues to work with various stakeholders on the promotion of the MRS program, recognition of MRS also largely depends on the MRS graduates' understanding of their responsibility and endeavor in making their space in leadership positions, research, public health sector dedicated in disability and rehabilitation and education in creating rehabilitation workforce in their respective countries.

Affiliation and Degree Awarding Authority:

BHPI is one of the constituent colleges/institutes of the University of Dhaka. The program is under the Faculty of Medicine of this university. The degree is awarded by this university.

Faculty member:

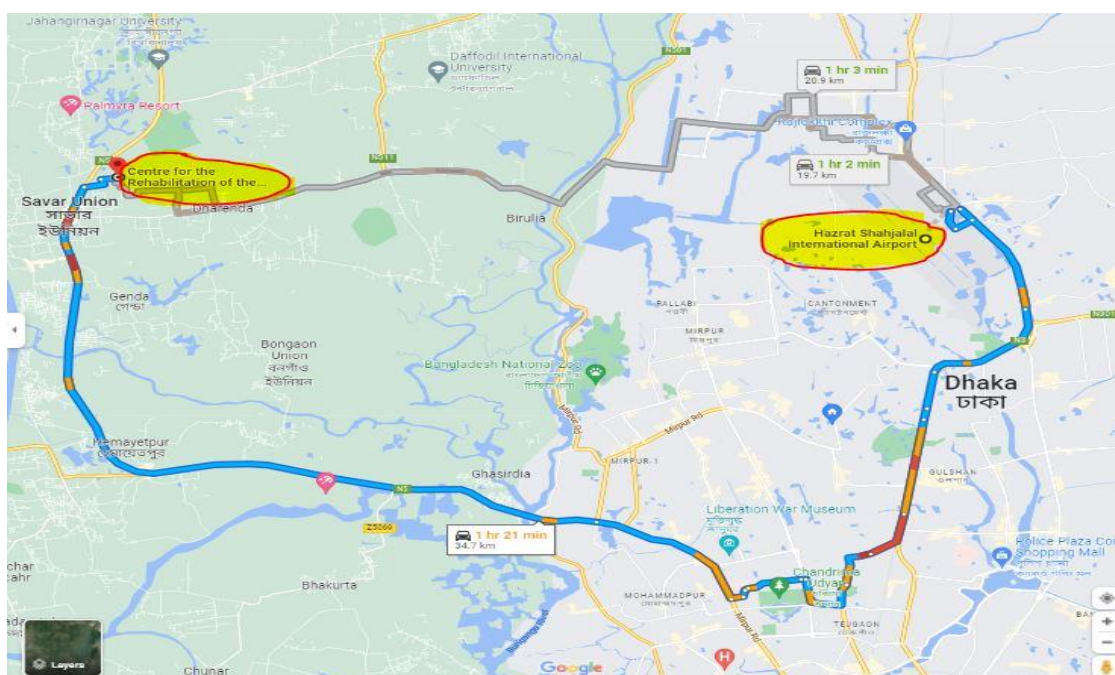
The program is taught by experienced and resourceful BHPI faculty. In addition, external guest faculty teach courses. CRP-BHPI through its international partnerships ensures that internationally renowned faculty members teach in the MRS program contributing to the attractiveness and quality of the program. The MRS program has established international collaborations with similar/like-minded entities in SAARC Member States. In addition, CRP has Memoranda of Understanding for international academic and research collaboration with the Western Norway University of Applied Sciences, Norway and Duke University, USA. These overall MOUs cover the graduate program collaboration, namely collaboration with MRS in the area of student and faculty mobility, research and faculty development. This effort to establish further international collaborations is ongoing.

Extracurricular Activities

The MRS Program offers its students a possibility to be involved in extracurricular activities such as annual sport tournaments, study tours, CRP sub-centres visits, tourist and historical places visit, celebrations of religious and local and regional festivals, and significant days observations, e.g., International Day of Persons with Disabilities, International Days of Autism/CP/SCI, CRP sponsored walk, physiotherapy/occupational therapy days, firefighting trial, etc. They also have an opportunity to participate in various training sessions at CRP.

Location of the Campus:

BHPI campus is located within the main campus of CRP and is 20 kilometers away from Dhaka which is the capital city of Bangladesh. The distance between CRP and Dhaka Airport (Hazrat Shahjalal Int. Airport) is about 35 km, travel time by road takes minimum one and half hour and depends on traffic.



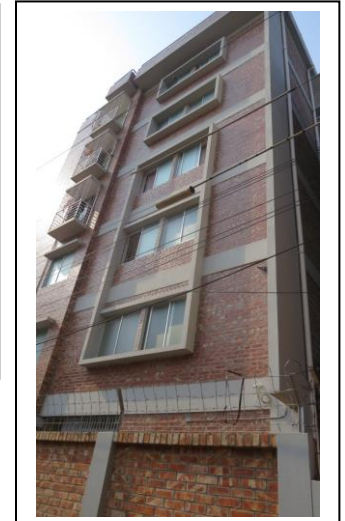
Google map snapshot

Learning facility:

E-library, on-site library, research laboratory and computer laboratory with internet access are available at the campus. The library has more than a thousand books and several software, for instance, VuFind, Koha, anti-plagiarism software etc. Online learning facilities are established to complement onsite learning. A computer lab and a rehabilitation research lab are established and upgraded resulting students' access to literature review, data collection and record keeping.

Residence facility (International Hostel):

The International Hostel (G+5) has 8 rooms on each floor (1st to 5th floor). There are common toilets and basins on each floor. It has modern facilities including a lift, 24/7 generator service with substation, ramps and security (IP) cameras at the doorways, a common room with television (air conditioned; sofa set), a gymnasium room with gym equipment (air conditioned), Dining Rooms (air conditioned), kitchens and cooking service, water purifier, refrigerators and washing machines for the residence of international hostel. Indoor and outdoor sports equipment, for example, table tennis, carom board, cricket kit, basketball, volleyball, badminton are available for the hostellers at the international hostel. Cleaning service for the International Hostel is provided from BHPI. However, the hostellers are responsible for maintaining cleanliness of their own rooms. Each Living room in the International Hostel is fully furnished. There are necessary furniture and utensils in kitchen and dining room on the ground floor.



Scholarships:

30 seats are available for admission in the 8th batch (July 2024 intake). However, 27 seats for admission with scholarships: ten (10) full scholarships and four (05) partial scholarships will be reserved for students from SAARC member countries except Bangladesh. Seven (07) full scholarships and five (05) partial scholarships will be available for students from Bangladesh. Three (03) seats will be available for self-financing students.

The scholarship period cannot be altered or extended beyond the study program period. There are no additional grants for family members.

Scholarships provision	Number of available seats	Total Amount Per Student (two-year Course period) [8 th Batch; July 2024 intake]
Provision of full scholarships; SAARC students except for Bangladesh	10	8922
Provision of partial scholarships; SAARC students except for Bangladesh	5	2772
Provision of full scholarships; students from Bangladesh	7	2916
Provision of partial scholarships; students from Bangladesh	5	1380
Provision for Self-financing students	3	As applicable
Total number of students' enrolment	30	

Distribution of scholarship among SAARC countries:

Country representation from all SAARC member countries will be considered while selecting the students. Students from countries with less or no previous enrolments will be prioritized for selection to ensure each country representation. Students from countries with more applications will be selected for enrolment if the seats are available and not filled by other countries.

- **Selection of candidates from SAARC countries for Scholarships:**

Candidates will be nominated for scholarship based on several selection points including –Academic performance, English proficiency, relevant experience, number of publications and writing a motivation letter.

- **Selection of candidates from Bangladesh for Scholarships:**

Candidates will be nominated for scholarship based on several selection points including –Academic performance, English proficiency, relevant experience, number of publications and writing a motivation letter. In addition, candidate will sit for an admission test (written & viva examination).

Research grants:

Seven students will be awarded about US\$127 each based on their performance (seven top exam mark achievers) in the part-I final examination under the University of Dhaka. However, gender balance and disability inclusion will be considered in selection of the awardees. This funding is aimed to be a motivating and rewarding factor for students in their study endeavour.

Entry requirements:

- A candidate must be a citizen of any of the SAARC member states.
- Candidates must have a Bachelor Degree in Physiotherapy/Occupational Therapy/ Speech and Language Therapy, Medicine, Nursing, Prosthetics & Orthotics or an equivalent degree in health-related subjects from a public university or recognised by the relevant government authority.
- Candidates must have completed at least one year internship/work experience in a recognised hospital/institute/centre approved by the relevant government authority.

Selection points for admission & scholarships

Candidates will be selected for scholarship on the basis of obtained scores in the selection points.

A) Academic merit of the candidate (50)

- 1) %Marks obtained/GPA awarded in Secondary School certificate/O level/ Equivalent examination (10)
- 2) %Marks obtained/GPA awarded in Higher Secondary School certificate/ A level/ Equivalent examination (15)
- 3) %Marks obtained/GPA awarded in Bachelor program (25)

B) The quality of the motivation letter (the likely impact of the work on the development of the rehabilitation service of the candidate's home country) (not more than 300 words) (15)

This letter to be sent by the applicant along with filled out scholarship application form.

C) Other requirements

- 1) Result of International English Language Test (IELTS – Academic or equivalent tests) -(20) **{will be valid for 2 years from the date of examination}**
- 2) Work experience in the relevant field (clinical/teaching/research) (10)
- 3) Publication (5)

D) Admission test (Only applicable for Bangladeshi students)

- 1) Written & viva examinations (50)

Calculation of selection point:

Selection item		Calculation																
A) Academic merit of the candidate (50)																		
1. %Marks obtained/GP A awarded in Secondary School certificate/O level/equivalent examination	10	<p>Average % of obtained marks/10 For GPA</p> <table border="1"> <thead> <tr> <th>GPA</th> <th>Marks range</th> </tr> </thead> <tbody> <tr> <td>5.00</td> <td>80-100</td> </tr> <tr> <td>4.00</td> <td>70-79</td> </tr> <tr> <td>3.50</td> <td>60-69</td> </tr> <tr> <td>3.00</td> <td>50-59</td> </tr> <tr> <td>2.00</td> <td>40-49</td> </tr> <tr> <td>1.00</td> <td>33-39</td> </tr> <tr> <td>0</td> <td>0-32</td> </tr> </tbody> </table> <p>Marks range will be transformed from GPA as per above scale. The lowest value from respective mark range will be counted against candidates obtained GPA. For example, if a candidate awards GPA 4 in SSC/O level, his/her mark will be 70. Therefore, calculated score will be = $70 \times 10\% = 70 \times 10 / 100 = 7$ Candidate will receive 7 out of 10 points.</p>	GPA	Marks range	5.00	80-100	4.00	70-79	3.50	60-69	3.00	50-59	2.00	40-49	1.00	33-39	0	0-32
GPA	Marks range																	
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2.%Marks obtained/GP A awarded in Higher Secondary School certificate/ A level / equivalent examination	15	<p>1.5X% of obtained marks/10 For GPA</p> <table border="1"> <thead> <tr> <th>GPA</th> <th>Marks range</th> </tr> </thead> <tbody> <tr> <td>5.00</td> <td>80-100</td> </tr> <tr> <td>4.00</td> <td>70-79</td> </tr> <tr> <td>3.50</td> <td>60-69</td> </tr> <tr> <td>3.00</td> <td>50-59</td> </tr> <tr> <td>2.00</td> <td>40-49</td> </tr> <tr> <td>1.00</td> <td>33-39</td> </tr> <tr> <td>0</td> <td>0-32</td> </tr> </tbody> </table> <p>Marks range will be transformed from GPA as per above scale. The lowest value from respective mark range will be counted against candidates obtained GPA. For example, if a candidate awards GPA 4 in HSC/A level, his/her mark will be 70. Therefore, calculated score will be = $1.5 \times 70 / 10 = 1.5 \times 7 = 10.5$ Candidate will receive 10.5 out of 15 points.</p>	GPA	Marks range	5.00	80-100	4.00	70-79	3.50	60-69	3.00	50-59	2.00	40-49	1.00	33-39	0	0-32
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3.%Marks obtained/GP A awarded in Bachelor program	25	2.5X% of 4 th year average marks/10 For GPA	
		GPA	Marks range
		4.00	80-100
		3.75	75-79
		3.50	70-74
		3.25	65-69
		3.00	60-64
		2.27	55-59
		2.50	50-54
		2.25	45-49
2.00	40-44		
0	0-39		
		<p>Marks range will be transformed from GPA as per above scale. The lowest value from respective mark range will be counted against candidates obtained GPA. For example, if a candidate awards GPA 3 in 4th Year Bachelor program, his/her mark will be 60. Therefore, calculated score will be = $2.5 \times 60 / 10 = 2.5 \times 6 = 15$ Candidate will receive 15 out of 25 points.</p>	

B. Motivation Letter (15)

Motivation Letter	15	Level	Points	Reflected great commitment	Provided sound evidence and logic	Impact is clearly forecasted
		Outstanding	5	5	5	5
		Very good	4	4	4	4
		Good	3	3	3	3
		<p>Definition: Outstanding: Outstanding application with a study program that has been very well developed with regards to its contribution to building the leadership in support of home country's development. An outstanding candidate who will demonstrate leadership capacities in strategic and inspirational thinking and practice, who is very proactive to make significant impact in the field of rehabilitation. Very good: High quality application with a study program that has been well considered for its contribution to building the leadership in support of home country's development. A highly capable candidate who will demonstrate leadership capacities in strategic and inspirational thinking and practice, who is likely to make significant impact in the field of rehabilitation. Good: Worthy applicant with a relevant study program. A capable candidate who has demonstrated some initial leadership characteristic and is reasonably likely to complete the study program and make a contribution to their field of activity.</p>				

C. Other requirements (35)

1.Result of International English Language Test (Academic Training)	20	Level	Points	Overall band score
		High	20	6.5-9.0
		Moderate	16	5.5-6.0
		Basic	12	5.0
		Limited	08	≤ 5.0

2. Work experience in the respective field of profession	10	Point	Experience
		10	More than 5 years
		8	4-5 years
		6	2-3 years
		4	1 year
3. Publications	5	5	More than 5 publications
		3	3-5 publications
		1	1-2 publications
Total points	100	For both Bangladeshi students and students from other SAARC countries.	
D) Admission test (Only applicable for Bangladeshi students)			
1. Written & viva examinations	50		
Total points	150	For Bangladeshi students.	

Duration of the program:

The course extends for two academic years.

Date of Commencement:

July of each year

Course Structure:

The program consists of two parts

Course information:

Course names and total teaching hours:		
Part I		
Duration: 12 months		
Paper	Course	Total hours
Paper I	Research methodology in Rehabilitation and Biostatistics	150
Paper II	Evaluation and measurement of interventions in rehabilitation practice	150
Paper III	Facilitating learning and effective communication in a rehabilitation context	150
Paper IV	Public Health: Theories of health promotion, disease prevention and Psychological aspects of rehabilitation	150
Paper V	Clinical reasoning and evidence based decision making in rehabilitation	150
Paper VI	Health Service Management: Developing, implementing and evaluating effective rehabilitation program	150
Paper VII	Disability & development: Community based Rehabilitation (CBR) & Disaster management	150
Paper VIII	Thesis Proposal Development & Defence	150
Total		1200

Part II

Duration :12 months

Paper	Course	Total hours
Paper IX	Rehabilitation program evaluation & theories of interdisciplinary team-based practice	150
Paper X	Leadership & Innovation in Rehabilitation	150
Paper XI	Elective (<i>each student will select 1 of the following</i>): a) Exercise Rehabilitation, b) Occupational Participation and occupational injury c) Communication Disorders & Rehabilitation d) Prosthetics and Orthotics in rehabilitation e) Clinical psychological rehabilitation	150
Paper XII	Thesis	600
Total		1050

Course fees:

Year-I, Item (during admission)		Amount in Bangladeshi Taka
Internal examination fee		3,000
Medical fee		3,000
Sports & cultural fee		2,000
Identity card		200
Placement tour fee		10,000
Tuition fee for 01 (one) year	BDT 78,000/year	78,000
Year-I: Total		96,200
Year-II		Amount
Internal examination fee		3,000
Medical fee		3,000
Sports & cultural fee		2,000
Tuition fee for 01 (one) year	BDT 78,000/year	78,000
Year-II: Total		86,000/-
	Total Course Fee	BDT 1,82,200

Important dates and deadlines:

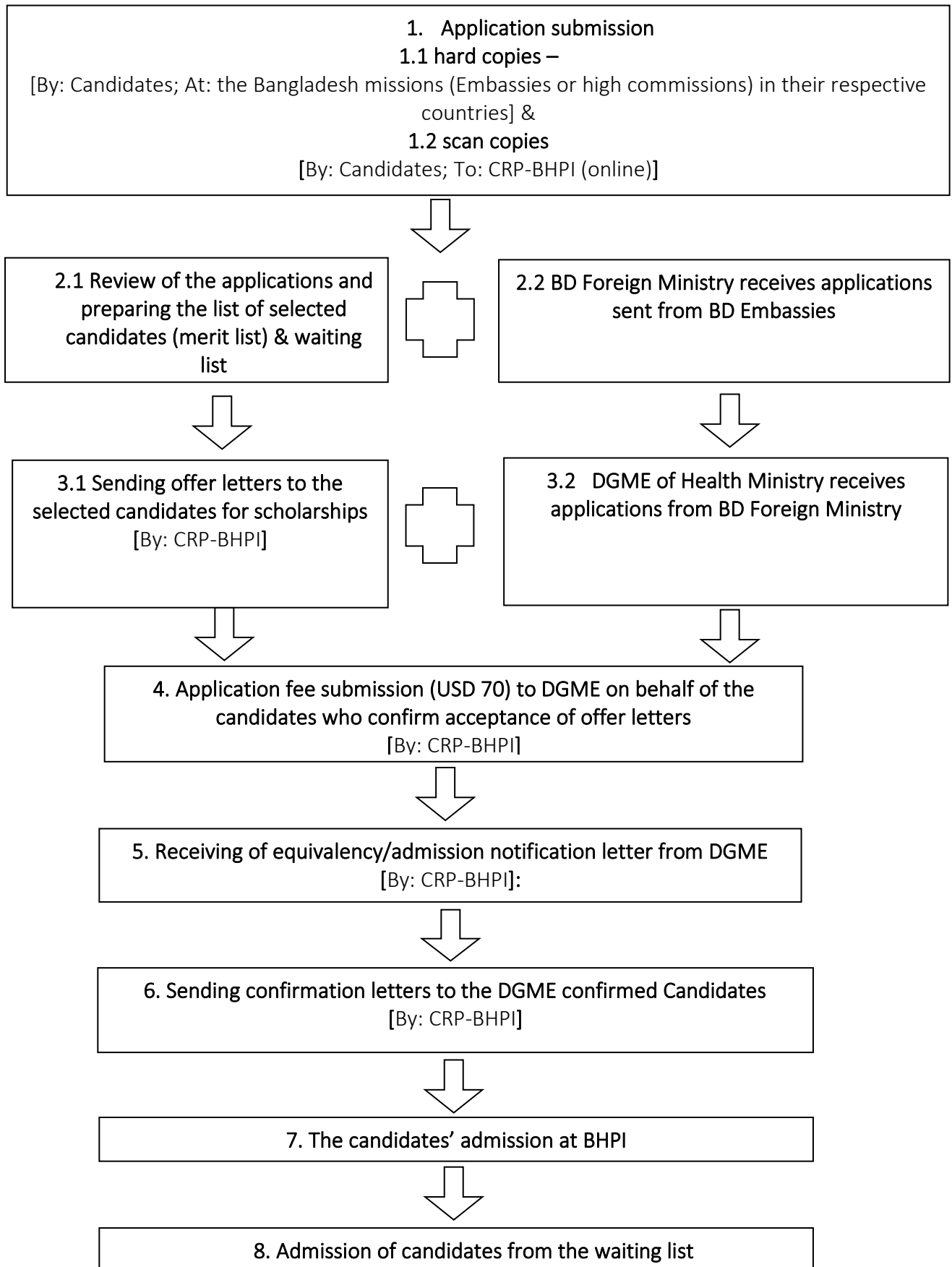
	For Candidates from SAARC Countries	For Candidates from Bangladesh
Application deadline:	June 15, 2024 (Both the online and hard copy of application should be received no later than June 15, 2024, 17.00 Hours , Bangladesh time)	May 25, 2024 (Online application should be received no later than May 25, 2024, 17.00 Hours , Bangladesh time)
Admission test:	Not Applicable	June 8, 2024
Notification of Admission:	July 15, 2024	June 8, 2024
Admission deadline:	July 30, 2024	June 30, 2024

How to apply:

Admission related information will be available at the webpages of CRP (<http://crp-bangladesh.org/crp-project/regional-inter-professional-masters-program-rehabilitation-science-funded-saarc>) and BHPI (<https://www.bhpi.edu.bd/department/rehabilitation-science-international-program/>).

- Students from Bangladesh:
 - Eligible applicants are requested to download the “Admission and Scholarship Application Form” from the above-mentioned websites.
 - Please send your complete application along with the required documents (Scan copies) to: **bhpi.mrs@gmail.com**
- International students (from SAARC member states except Bangladesh)
 - Students will submit:
 - their application forms [hard copies – (1) Admission and Scholarship Application Form and (2) Application form - Ministry of Health & Family Welfare, BD] in triplicate along with academic documents (attested by Foreign Ministries of your country) at the Bangladesh missions (Embassies or high commissions) in your country.
 - scan copies of their application forms and academic documents (attested by Foreign Ministries of your country) to: **bhpi.mrs@gmail.com**
 - Admission of international students will be completed as per the “**Flowchart of international students’ intake**”.

Flowchart of international students’ intake:



Note: The authority preserves all rights to amend and update any of the instructions,

information, rules and regulations that may be in force from time to time.

For further information:

Mailing address: Centre for the Rehabilitation of the Paralysed (CRP)

CRP-Chapain, Savar, Dhaka-1343, Bangladesh

Website: www.crp-bangladesh.org, Phone: +88 02 7745464-5 Ext 351, Fax: 7745069

Mobile: +88 01688137848, Email: principal-bhpi@crp-bangladesh.org,
bhpi.mrs@gmail.com